

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	37	"422".clas. and biosensor and sweeping	USPAT	OR	ON	2008/09/23 10:45
L2	167	"422".clas. and biosensor and wavelength near4 rang \$4	USPAT	OR	ON	2008/09/23 10:45
L3	2600	(laser near4 (tunable or tuning or tun\$3)) same ((range or sweeping) and wavelength)	USPAT	OR	ON	2008/09/23 10:49
L4	402	(laser near4 (tunable or tuning or tun\$3)) same ((range or sweeping) and wavelength) and reflective near5 surface	USPAT	OR	ON	2008/09/23 10:50
L5	0	(laser near4 (tunable or tuning or tun\$3)) same ((range or sweeping) and wavelength) and reflective near5 surface and "422".clas.	USPAT	OR	ON	2008/09/23 10:50
L6	90	(laser near4 (tunable or tuning or tun\$3)) same ((range or sweeping) and wavelength) and reflective near5 surface and ("250" or "435" or "436" or "359").clas.	USPAT	OR	ON	2008/09/23 10:51
L7	5	(laser near4 (tunable or tuning or tun\$3)) same ((range or sweeping) and wavelength) and reflective near5 surface and ("250" or "435" or "436" or "359").clas. and (protein or peptide or dna or rna or nucleic adj acid)	USPAT	OR	ON	2008/09/23 10:53

L8	4	(laser near4 (tunable or tuning or tun\$3)) same ((range or sweeping) and wavelength) and reflective near5 surface and ("250" or "435" or "436").clas. and (protein or peptide or dna or rna or nucleic adj acid)	USPAT	OR	ON	2008/09/23 11:02
L9	1	"4978503".pn.	USPAT	OR	ON	2008/09/23 11:19
L10	10	shanks.in. and waveguide	USPAT	OR	ON	2008/09/23 11:20
L11	3	("5120131" "6330064" "6442321").pn.	USPAT	OR	ON	2008/09/23 11:21
L12	2	tiefenthaler.in. and (spacing)	USPAT	OR	ON	2008/09/23 11:21
L13	0	"5982534".pn. and (temperature or heat \$4)	USPAT	OR	ON	2008/09/23 11:26
L16	8506	fluoresc\$ and (heater or temperature) with (sample or specimen) and ("435" or "436" or "422").clas.	USPAT	OR	ON	2008/09/23 11:27
L17	362	fluoresc\$ and (heater or heat\$4 near3 element) with (sample or specimen) and ("435" or "436" or "422").clas.	USPAT	OR	ON	2008/09/23 11:27
L18	299	fluoresc\$ and (heater or heat\$4 near3 element) with (sample or specimen) and ("435" or "436" or "422").clas. and (dna or rna or protein or peptide or nucleic adj acid)	USPAT	OR	ON	2008/09/23 11:28

L19	20	fluoresc\$ same(heater or heat\$4 near3 element) with (sample or specimen) and ("435" or "436" or "422").clas. and (dna or rna or protein or peptide or nucleic adj acid)	USPAT	OR	ON	2008/09/23 11:29
L20	92	fluoresc\$ and (heater or heat\$4 near3 element) with (sample or specimen) and ("435" or "436" or "422").clas. and (dna or rna or protein or peptide or nucleic adj acid) and (photodetector or photodiode)	USPAT	OR	ON	2008/09/23 11:37
L21	0	hezron.in. and (dna or peptide or rna or nucleic adj acid)	USPAT	OR	ON	2008/09/23 11:39
L22	0	herzon.in. and (dna or peptide or rna or nucleic adj acid)	USPAT	OR	ON	2008/09/23 11:39
L23	1	"5545531".pn. and (heat\$4 or temperature)	USPAT	OR	ON	2008/09/23 11:40
L24	1	"5545531".pn. and (heat\$4 or temperature) with sample	USPAT	OR	ON	2008/09/23 11:43
L25	1	"4857273".pn.	USPAT	OR	ON	2008/09/23 12:10
L26	1	"7384797".pn.	USPAT	OR	ON	2008/09/23 12:11
L27	16	("4857273" "5244636" "5340715" "5344784" "5347784" "5434663" "5525466" "5742633" "5745231" "5766957" "5824023" "5835231" "5943136" "6020207" "6210910" "6333458").PN. OR ("7384797").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 12:11

L28	3	27 and (spacing)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 12:18
L29	12282	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer \$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/23 12:20
L30	6985	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer \$4))	USPAT	OR	ON	2008/09/23 12:22
L31	3515	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer \$4)) and (spacing or stage)	USPAT	OR	ON	2008/09/23 12:23
L33	941	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer \$4)) and (space or spacing or gap) with (drive or motor or controller or control\$4)	USPAT	OR	ON	2008/09/23 12:25
L34	94	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer \$4)) and (space or spacing or gap) with (drive or motor or controller or control\$4) and ("422" or "435" or "436" or "356").clas.	USPAT	OR	ON	2008/09/23 12:25
L35	457	array with (resonan\$4 or resona\$4) near3 cavity	USPAT	OR	ON	2008/09/23 12:31
L36	149	array with (resonan\$4 or resona\$4) near3 cavity and (reflective near5 (surface or layer \$4))	USPAT	OR	ON	2008/09/23 12:31

L37	51	array near5 (resonan\$4 or resona\$4) near3 cavity and (reflective near5 (surface or layer \$4))	USPAT	OR	ON	2008/09/23 12:31
L38	1	(resonant or resona\$4) near4 cavity near3 (biosensor or biosens\$4 or bio\$1sens\$4)	USPAT	OR	ON	2008/09/23 12:33
L39	384	(resonant or resona\$4) near3 (biosensor or biosens\$4 or bio\$1sens\$4)	USPAT	OR	ON	2008/09/23 12:34
L40	211	(resonant or resona\$4) near3 (biosensor or biosens\$4 or bio\$1sens\$4) and ("435" or "436" or "422").clas.	USPAT	OR	ON	2008/09/23 12:34
L41	7	(resonant or resona\$4) near3 (biosensor or biosens\$4 or bio\$1sens\$4) and ("435" or "436" or "422").clas. and stage with (sample)	USPAT	OR	ON	2008/09/23 12:34
L42	3	(resonant or resona\$4) near3 (biosensor or biosens\$4 or bio\$1sens\$4) and ("435" or "436" or "422").clas. and (spacing or gap or space) with (drive or motor or controller or control\$4)	USPAT	OR	ON	2008/09/23 12:35
L43	8	(resonant or resona\$4) near3 (biosensor or biosens\$4 or bio\$1sens\$4) and ("435" or "436" or "422").clas. and (spacing or gap or space) with (adjust\$4 or control\$4 or vary\$4)	USPAT	OR	ON	2008/09/23 12:44
L44	290	(biosensor or biosens\$4 or bio\$1sens\$4) and ("435" or "436" or "422").clas. and (spacing or gap or space) with (adjust\$4 or control\$4 or vary\$4)	USPAT	OR	ON	2008/09/23 12:45

L45	337	(biosensor or biosens\$4 or bio\$1sens\$4) and ("435" or "436" or "422").clas. and (spacing or gap or space or cavity) with (adjust\$4 or control\$4 or vary\$4)	USPAT	OR	ON	2008/09/23 12:45
L46	63	(biosensor or biosens\$4 or bio\$1sens\$4) and ("435" or "436" or "422").clas. and (spacing or gap or space or cavity) with (adjust\$4 or control\$4 or vary\$4) and (photodetector or photodiode)	USPAT	OR	ON	2008/09/23 12:46
L47	3	("5640237" "6143247" "6287874").pn.	USPAT	OR	ON	2008/09/23 12:48
L48	63	affinity near3 detect\$4 and (resonan\$4) with biosensor	USPAT	OR	ON	2008/09/23 12:51
L49	22	affinity near3 detect\$4 and (resonan\$4) with biosensor and (reflect\$4 near3 (surface of layer))	USPAT	OR	ON	2008/09/23 12:52
L50	26	affinity near3 detect\$4 and (resonan\$4) with biosensor and (reflect\$4 near3 (surface of layer) or mirror)	USPAT	OR	ON	2008/09/23 12:52
L51	134	("20020018610" "20020123050" "20020127565" "20020135752" "20020168295" "20020171045" "20030003599" "20030017581" "20030027327" "20030027328" "20030059855" "20030068657" "20030092075" "20030113766" "20030148542" "20030210396" "20040011965"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 12:54

"20040132172"	
"20040151626"	
"3689346"	"3810688"
"3856404"	
"3856604"	"4009933"
"4050895"	
"4240751"	"4289371"
"4344438"	
"4420502"	"4536608"
"4560248"	
"4576850"	"4608344"
"4650329"	
"4652290"	"4668558"
"4701008"	
"4810658"	"4815843"
"4818710"	
"4857273"	"4876208"
"4882288"	
"4888260"	"4931384"
"4952056"	
"4958895"	"4992385"
"4999234"	
"5071248"	"5118608"
"5155785"	
"5156785"	"5170448"
"5175030"	
"5210404"	"5229614"
"5242828"	
"5268782"	"5310686"
"5337183"	
"5413884"	"5442169"
"5455178"	
"5475780"	"5478527"
"5478756"	
"5492840"	"5496701"
"5559338"	
"5598267"	"5598300"
"5606170"	
"5615052"	"5629214"
"5631171"	
"5690894"	"5691846"
"5732173"	
"5738825"	"5768461"
"5771328"	
"5792411"	"5801390"
"5804453"	
"5814516"	"5814524"
"5821343"	
"5846843"	"5864641"
"5922550"	
"5925878"	"5955335"
"5955378"	
"5986762"	"5991480"

		"5994150" "6035089" "6052213" "6076248" "6088505" "6100991" "6128431" "6146593" "6174677" "6185019" "6200737" "6215928" "6218194" "6235488" "6303179" "6316153" "6320991" "6338968" "6340598" "6346376" "6377721" "6404554").PN. OR ("6449097" "6558957" "6570657" "6579673" "6587276" "6661952" "6707561" "6748138" "6902703" "RE33064" "RE37473").PN. OR ("7153702").URPN.				
L52	17	51 and (spacing or space or gap or cavity) with (vary\$4 or control \$4 or adjust\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 12:55
L53	248	biosensor and (sampl \$4) near3 stag\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 12:56
L54	53	biosensor and (sampl \$4) near3 stag\$4 and (spacing or space or gap or cavity) with (vary\$4 or control\$4 or adjust\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 12:57
L55	1	"20060182659".pn. and photodetector near2 array	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/23 14:53
L57	64	biosensor same resona \$5 near3 (well or cavity)	US-PGPUB; USPAT	OR	ON	2008/09/23 14:54
L60	1	"20060182659".pn. and photodetector near2 array with detect \$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/23 14:55
L61	1	"20060182659".pn. and channel	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/23 14:57

L62	1	"20060182659".pn. and channel with fluid	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/23 14:58
L63	15813	resonan\$4 near3 cavity	US-PGPUB; USPAT	OR	ON	2008/09/23 15:19
L66	634	resonan\$4 near3 cavity with (reflective near3 (surface of layer\$4))	US-PGPUB; USPAT	OR	ON	2008/09/23 15:25
L67	100	resonan\$4 near3 cavity with (reflective near3 (surface of layer\$4)) and (photodetector or photodiode)	US-PGPUB; USPAT	OR	ON	2008/09/23 15:28
L68	4	resonan\$4 near3 cavity with (reflective near3 (surface of layer\$4)) and (photodetector or photodiode) and (dna or protein or peptide or nucleic adj acid)	US-PGPUB; USPAT	OR	ON	2008/09/23 15:31
L69	5	resonan\$4 near3 cavity with (reflective near3 (surface of layer\$4)) and (dna or protein or peptide or nucleic adj acid)	US-PGPUB; USPAT	OR	ON	2008/09/23 15:33
L70	428	array near5 (cell or cavity) near6 resona\$6	US-PGPUB; USPAT	OR	ON	2008/09/23 15:35
L71	247	array near3 (cell or cavity) near4 resona\$6	US-PGPUB; USPAT	OR	ON	2008/09/23 15:35
L72	146	array near3 (cell or cavity) near4 resona\$6	USPAT	OR	ON	2008/09/23 15:35
L73	1	biochip with resonan\$4 near3 (cavity or cell)	USPAT	OR	ON	2008/09/23 15:36
L74	4	array near3 (cell or cavity) near4 resona\$6 and ("422" or "435" or "436").clas.	USPAT	OR	ON	2008/09/23 15:37
L75	10	("5437840" "5514596" "5744902" "5835231" "5866430" "5907765" "5910286").PN. OR ("6777244").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 15:38
L76	1	("5744902" "6777244"). pn. and fluoresc\$	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 15:47

L77	1	"20020068018".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 15:52
L78	1	"20020068018".pn. and applied	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:01
L79	1	"20020068018".pn. and resona\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:02
L80	1	"5835231".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:03
L81	9	75 and (cavity or cavities)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:18
L82	1	"20020068018".pn. and (detect\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:22
L83	1	"20020068018".pn. and (detect\$4) with array	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:23
L84	1	"20020068018".pn. and (photodetector or photodiode)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:23
L86	1	"20060182659".pn. and (photodetector) with array	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:24
L87	1	"20020068018".pn. and (infra\$red or ir)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:41
L88	0	"20020068018".pn. and (laser with tun\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:43
L89	1	"20020068018".pn. and (temperature or heat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 16:44
S1	2	("5982534" "4857273"). pn.	USPAT	OR	OFF	2008/09/17 11:15

S2	23	("2039219" "3432275" "3705000" "3879106" "4896966" "4906083" "5033834" "5315375" "5326398" "5417576" "5545561" "5665599").PN. OR ("5982534").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 11:16
S4	1	"5982534".pn. and detect\$4	USPAT	OR	ON	2008/09/17 12:02
S5	0	"5982534".pn. and resonan\$4	USPAT	OR	ON	2008/09/17 12:23
S6	1	"20060182659".pn.	US-PGPUB; USPAT	OR	ON	2008/09/17 12:41
S7	155	cunningham.in. and resonan\$4	USPAT	OR	ON	2008/09/17 12:43
S8	41	cunningham.in. and resonan\$4 and ("435" or "436" or "422").clas.	USPAT	OR	ON	2008/09/17 12:44
S9	23	cunningham.in. and resonan\$4 and ("435" or "436" or "422").clas. and (bio\$sensor or biosensor)	USPAT	OR	ON	2008/09/17 12:45
S10	2	(resonan\$4 near5 cavity) with (bio\$sens\$ or biosensor or bio \$1sens\$4)	USPAT	OR	ON	2008/09/17 12:50
S11	10	(resonan\$4 near5 cavity) same (bio\$sens \$ or biosensor or bio \$1sens\$4)	USPAT	OR	ON	2008/09/17 12:50
S12	1	"20060182659".pn. and regions near5 array	US-PGPUB; USPAT	OR	ON	2008/09/17 14:46
S13	1	"20060182659".pn. and resonant adj cavity	US-PGPUB; USPAT	OR	ON	2008/09/17 14:47
S16	1	"20060182659".pn. and (sweep\$4 or swep \$4)	US-PGPUB; USPAT	OR	ON	2008/09/19 10:47
S17	1	"20060182659".pn. and tun\$4 near3 laser	US-PGPUB; USPAT	OR	ON	2008/09/19 10:49
S18	1	"20060182659".pn. and discrete	US-PGPUB; USPAT	OR	ON	2008/09/19 10:58

S19	1	"20060182659".pn. and spacing	US-PGPUB; USPAT	OR	ON	2008/09/19 11:05
S20	180	(biochip or bio\$1chip) same mirror	US-PGPUB; USPAT	OR	ON	2008/09/19 11:11
S21	60	(biochip or bio\$1chip) same mirror	USPAT	OR	ON	2008/09/19 11:11
S22	14	(biochip or bio\$1chip) same mirror and (cavity or cavities)	USPAT	OR	ON	2008/09/19 11:12
S23	15	(biochip or bio\$1chip) same microarray and (reflective or reflecting) near4 surface	USPAT	OR	ON	2008/09/19 11:15
S24	1	"5982534".pn. and array	USPAT	OR	ON	2008/09/19 11:28
S25	1	"5982534".pn. and (laser or ir or infra\$red or infrared)	USPAT	OR	ON	2008/09/19 11:56
S26	1	"20060182659".pn. and expander	US-PGPUB; USPAT	OR	ON	2008/09/19 11:59
S27	1	"20060182659".pn. and expand\$4	US-PGPUB; USPAT	OR	ON	2008/09/19 11:59
S28	1	"20060182659".pn. and condens\$4	US-PGPUB; USPAT	OR	ON	2008/09/19 12:01
S29	1	"20060182659".pn. and channel	US-PGPUB; USPAT	OR	ON	2008/09/19 12:10
S30	14921	((light or excitation or radiation) near3 (source)) near5 (IR or infra\$red)	USPAT	OR	ON	2008/09/22 12:07
S31	304	((light or excitation or radiation) near3 (source)) near5 (IR or infra\$red) and "422". clas.	USPAT	OR	ON	2008/09/22 12:07
S33	21	((light or excitation or radiation) near3 (source)) near5 (IR or infra\$red) and "422". clas. and (bio\$sens\$4 or biosensor)	USPAT	OR	ON	2008/09/22 12:08
S34	10278	(laser near4 (tunable or tuning or tun\$3))	USPAT	OR	ON	2008/09/22 12:17
S35	168	S34 and "422".clas.	USPAT	OR	ON	2008/09/22 12:17

S36	150	S34 and (biosensor)	USPAT	OR	ON	2008/09/22 12:21
S38	1	"4897541".pn. and (resonan\$4 or resona \$5)	USPAT	OR	ON	2008/09/22 12:30
S39	1	"5982534".pn. and (hybrid\$ or hybridization or hybridisation)	USPAT	OR	ON	2008/09/22 12:32
S41	120	S34 and (biosensor) and fluoresc\$	USPAT	OR	ON	2008/09/22 12:32
S42	0	"5982534".pn. and frequency	USPAT	OR	ON	2008/09/22 12:35
S43	1	"5982534".pn.	USPAT	OR	ON	2008/09/22 12:41
S44	23	("2039219" "3432275" "3705000" "3879106" "4896966" "4906083" "5033834" "5315375" "5326398" "5417576" "5545561" "5665599").PN. OR ("5982534").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 12:41
S46	1559	(laser near4 (tunable or tuning or tun\$3)) and "359".clas.	USPAT	OR	ON	2008/09/22 12:44
S47	6	(laser near4 (tunable or tuning or tun\$3)) and "359".clas. and (biosensor)	USPAT	OR	ON	2008/09/22 12:44
S48	149	(laser near4 (tunable or tuning or tun\$3)) and "359".clas. and (fluorescence)	USPAT	OR	ON	2008/09/22 12:45
S49	1	"5637458".pn.	USPAT	OR	ON	2008/09/22 12:49
S50	1	"5637458".pn. and (tun \$4 with laser)	USPAT	OR	ON	2008/09/22 16:04
S51	17	(laser near4 (tunable or tuning or tun\$3)) and "359".clas. and (fluorescence) with (organic or inorganic or dna or protein or peptide or rna)	USPAT	OR	ON	2008/09/22 16:06

S52	22	(laser near4 (tunable or tuning or tun\$3)) and "359".clas. and (fluorescence) same (organic or inorganic or dna or protein or peptide or rna)	USPAT	OR	ON	2008/09/22 16:07
S53	1	"4917462".pn. and (wavelength or range)	USPAT	OR	ON	2008/09/22 16:35
S54	0	"422".clas. and biosensor and wavelenth same sweep \$4	USPAT	OR	ON	2008/09/22 16:39
S55	37	"422".clas. and biosensor and sweeping	USPAT	OR	ON	2008/09/22 16:39
S56	167	"422".clas. and biosensor and wavelength near4 rang \$4	USPAT	OR	ON	2008/09/22 16:40

9/ 23/ 2008 4:52:55 PM

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